

OKLAHOMA CROP-WEATHER

July 14, 2003



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A combined contribution with
-Cooperative Extension Service
-USDA Farm Service Agency
-The Oklahoma Mesonet

Hot and Dry Conditions Continue

July 13 - Hot temperatures coupled with dry weather continued across Oklahoma during the week. Most areas reached the century mark with the maximum temperature of 109 degrees at Lahoma on Sunday, July 13th. Rainfall was mostly nonexistent except for a few scattered areas. Precipitation during the week ranged from 0.82 inches in the Northeast district to 0.03 inches in the South Central district. Moisture continues to be greatly needed across the State to replenish soil moisture levels and minimize heat stress to crops and pastures. Soil moisture supplies dwindled from the hot and dry conditions and were rated as mostly short to adequate. Farmers had 6.7 days suitable for fieldwork during the week.

TOPSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	12	43	44	1
Last Week	7	22	66	5
Last Year	12	27	60	1

SUBSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	12	32	54	2
Last Week	7	23	68	2
Last Year	18	27	55	0

Small Grains: Dry weather during most of the week kept producers busy plowing wheat ground. Wheat stubble was plowed at least once on 78 percent of the State's acreage, 8 percentage points ahead of the normal pace. Oat harvest was 95 percent done by week's end and 64 percent of fields were plowed. Farmers will soon be concentrating their efforts on land preparation for fall planting.

Row Crops: A full week of hot, dry weather has slowed growth and development of all summer row crops. Irrigation was active where possible as crops continued to suffer from heat and lack of moisture. Forty-two percent of the corn was silking while 23 percent of the corn entered the dough stage of development. At week's end, 5 percent of this year's corn crop had reached maturity. Harmon county reported that producers should begin chopping corn silage within the next few weeks. Sorghum planting was virtually completed and 95 percent had emerged. Eight percent of the sorghum's crop was headed while limited counties were seeing coloring. Soybean planting was nearly complete and 94 percent has emerged. At week's end, soybean blooming advanced to 23 percent while 4 percent were setting pods. Peanuts pegging reached 80 percent and 17 percent had begun setting pods. The majority of the cotton crop was rated in fair to good condition, with 66 percent of the acreage squaring and 9 percent setting bolls.

ROW CROPS CONDITION BY PERCENT

Week Ending July 13, 2003

	Very Poor	Poor	Fair	Good	Excellent
Corn	0	0	14	31	55
Sorghum	0	1	26	69	4
Soybeans	0	1	35	47	17
Peanuts	0	0	14	81	5
Cotton	3	9	21	66	1

Hay: Both alfalfa and other hay were rated in mostly fair to good condition. Producers were taking advantage of the drier conditions with the second and third cutting of alfalfa in full swing across the State. The second and third cutting of alfalfa were at 98 and 48 percent complete, respectively. Other hay first cutting gained 8 percentage points from last week to 89 percent complete while 24 percent had been cut for a second time.

HAY CONDITION BY PERCENT

Week Ending July 13, 2003

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	0	4	23	60	13
Other Hay	0	6	29	57	8

Miscellaneous Crops: Watermelons were rated in mostly fair to good condition. Harvest was 11 percent complete and was running behind the normal pace.

Pasture: Pasture and range conditions declined from last week due to the hot temperatures and lack of moisture, but were rated as mostly fair to good. A growing number of pastures were showing signs of stress. Pawnee county reported grasses have started to burn up. Grasshopper infestations continued to increase during the week.

Livestock: Livestock conditions remained rated as mostly fair to excellent. Livestock insect activities were rated as light to moderate with some areas reporting heavy activity. Cattle auctions reported an average increase in marketings for the week. The price for feeder steers less than 800 pounds increased just over two dollars per cwt. from last week and averaged \$92.77 per cwt. The average price for feeder heifers less than 800 pounds increased twenty-one cents per cwt. from last week and averaged \$86.60 per cwt.

LIVESTOCK CONDITION BY PERCENT

Week Ending July 13, 2003

	Very Poor	Poor	Fair	Good	Excellent
Livestock	0	1	17	59	23
Pasture & Range	1	6	29	54	10

Oklahoma Crop-Weather Summary
2800 N. Lincoln Blvd.
Oklahoma City, Oklahoma 73105

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TIME DATED MATERIAL

OKLAHOMA CROP PROGRESS									
Week Ending July 13, 2003									
Item	This Week	Last Week	Last Year	5 - Yr. Avg.	Item	This Week	Last Week	Last Year	5 - Yr. Avg.
Wheat -					Peanuts -				
Plowed	78	57	80	70	Pegging	80	68	72	61
Oats -					Setting Pods	17	n/a	10	17
Harvested	95	86	94	96	Cotton -				
Plowed	64	46	76	64	Squaring	66	46	73	61
Corn -					Setting Bolls	9	3	18	9
Silking	42	38	77	48	Alfalfa -				
Dough	23	16	49	22	2 nd Cutting	98	97	99	94
Mature	5	n/a	9	2	3 rd Cutting	48	33	40	37
Sorghum -					Other Hay -				
Emerged	95	93	87	92	1 st Cutting	89	81	88	85
Headed	8	3	20	12	2 nd Cutting	24	13	32	19
Coloring	1	n/a	2	1	Watermelons -				
Soybeans -					Setting Fruit	86	84	97	90
Planted	98	90	98	94	Harvested	11	9	20	20
Emerged	94	83	95	87					
Blooming	23	15	38	29					
Setting Pods	4	n/a	19	8					

WEATHER FOR WEEK ENDING JULY 13, 2003 - Temperatures ranged from 58 degrees at Goodwell on Thursday, July 10th to 109 degrees at Lahoma on Sunday, July 13th. Precipitation averaged 0.03 in. South Central district to 0.82 in. Northeast district. Soil temperatures averaged 79 degrees at Woodward on Tuesday, July 8th, Nowata on Friday, July 11th, and at Mt. Herman and Westville on Sunday, July 13th to 94 degrees at Chickasha and Sulphur on Sunday, July 13th.

MESONET TEMPERATURE AND PRECIPITATION DATA							
Week Ending July 13, 2003							
Districts	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2003 to July 13, 2003		
					Total	Departure from Normal	Percent of Normal
	Degrees			Inches			
Panhandle	97	66	82	0.05	9.93	- 0.90	92
West Central	97	70	84	0.17	10.54	- 4.12	72
Southwest	97	72	85	0.04	12.80	- 2.17	86
North Central	97	71	84	0.07	12.43	- 3.12	80
Central	96	72	84	0.08	12.74	- 5.31	71
South Central	94	72	83	0.03	12.11	- 6.51	65
Northeast	90	71	81	0.82	17.46	- 1.63	91
East Central	91	71	81	0.74	14.48	- 5.94	71
Southeast	91	70	80	0.71	13.97	- 7.56	65